

ASLAN CA 23

The self-adhesive metal effect film

Metal effect film for exclusive signs and letterings. Available with a glossy surface in gold, silver and translucent gold or with a matt brushed surface in silver, gold and copper.

The ASLAN CA 23 has the same effect on both sides and is particularly suitable for interior usages and windows.

This high quality film is excellent in use for computerized cutting of designs and lettering.

Technical data

Construction

face-film:	polyester film (metallised, varnished and glossy surface or metallised brushed)	
thickness:	~ 50 µm	
adhesive:	acrylic pressure adhesive free of solvent and preservative substrates	square quantity: ~ 20 g/m ²
release liner:	single sided coated cardboard	square weight: ~ 140 g/m ²

Characteristics

adhesive strength (ASTMD-903)	immediately:	min. 1,5 N/cm
	1 week adhered:	min. 4,0 N/cm
temperature:	min. application temperature:	15 °C
	service temperature range:	-30 °C up to +80 °C
outdoor durability:	up to 2 years when properly processed and applied (vertical exposure, unprinted film). Should the foils be exposed to extreme conditions, e.g. tropical countries, in countries with long periods of high temperature, regions of excessive ecological damage relating to high UV radiations, extreme humidity their life will be reduced.	

ASLAN CA 23

The metal effect film

Processing

application:

only dry

The film isn't permeable to vapours so that it should not be applied wet, otherwise bubbles will be formed.

The vinyl shouldn't be applied on vapouring surfaces, e.g. flexible faces, acrylic sheets.

For the application we recommend ASLAN TMO assembly foil or our ASLAN application tapes. In order to guarantee a perfect transposition of the cut film we recommend you apply the tape of the TMO onto the film, turn the cut graphic over and remove the kraft liner carefully.

colour adaption:

Like every product, coloured films have production tolerances. For large contracts, where a large quantity of the same colour film is required, care should be taken on the following lines:

Each graphic should be from the same roll. For multi cutting jobs the rolls need to be supplied from the same production batch. Before placing your order please make us aware if this is required.

To ensure same colour impression to the human eye, films should be cut and applied longline.

storage properties:

Before application the foils can be stored for minimum 3 years from date of production. The films must be stored at room temperature (15 – 25 °C) and be protected from direct sunlight, excessive heat, high atmospheric humidity and dampness. To avoid pressure points appearing on the roll surface, we recommend the rolls be stored either on end or on purpose design 'hanging' racks.

All technical data and advice is based on our experience and measured testing that we believe to be reliable. It remains the customer's responsibility to test our products suitability for the purpose intended.

The quality of our products is regularly examined, upgraded and developed. ASLAN, Schwarz GmbH & Co. KG reserve the right, without prior notice, to adjust, upgrade and improve the chemical structures or physical characteristics of their products in accordance with their latest knowledge.

ASLAN, Schwarz GmbH & Co. KG

Postf./POB 5165 • D-51486 Overath / Oberauel 2 • D-51491 Overath-Untereschbach / Germany

Tel. +49 (0)2204-708-80 • Fax +49 (0)2204-708-50 • VAT-ID-No. DE121964163

E-Mail: Info@ASLAN-Schwarz.com • Internet: www.ASLAN-Schwarz.com

Date: 05/2005